

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

WATER ANALYSIS REPORT

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSIONEXHIBIT NO. 7CASE NO. 4689Submitted by P.C. T.Hearing Date 5/5/72

LABORATORY NO.: H400

DATE: MARCH 15, 1972

WELL NAME + NO.: DEXTER FED 15

DEPTH: 3100 FT

FIELD: FLINT

FORMATION: GRAYBURG

COUNTY: EDDY

STATE: NEW MEXICO

SAMPLE PT.: SEPERATOR

SAMPLE ID: PRODUCED

DISSOLVED SOLIDS

OTHER PROPERTIES

CATIONS

MG/L

MEQ/L

SODIUM, NA

80232

3482

PH =

6.24

CALCIUM, CA

2400

119

SP GR =

1.147

MAGNESIUM, MG

1216

100

RESISTIVITY=

.0000

ANIONS

CHLORIDES, CL

126581

3569

SULFATES, SO4

6000

124

BICARBONATES, HCO3

457

7

THE CALCIUM CARBONATE STABILITY INDEX= 1.17526

THE CALCIUM SULFATE STABILITY INDEX IS 14.41

A NEGATIVE NUMBER INDICATES THE SCALE IN SOLUTION DOES
NOT EXCEED THE SATURATION VALUE AND SHOULD NOT PRECIPITATE.

REMARKS AND RECOMMENDATIONS:

JACK SARFF

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